

# Autonomous Defense Node (ADN) – Developer Documentation v1

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## 1. Getting Started

Run:

```
python adn_core.py
```

## 2. Required Environment

Python 3.9+, minimal dependencies.

## 3. Code Entry Points

```
collect_node_metrics()
```

```
simulated_dqsnet_risk()
```

```
run_defense_logic()
```

```
run_autonomous_node()
```

## 4. Extending ADN

- Replace mock data with DigiByte RPC
- Replace mock risks with DQSNet HTTP calls
- Add alert integrations
- Add firewall and node-level command execution

## 5. Security Notes

Always validate thresholds before automated actions.

Keep configuration reproducible.